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1-17-02

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent & Trademark Office, to the attention of Examiner Joyce Tung, Art Unit 1656, at fax number (703) 305-7401, on:

Date: 1-16-02By: Leckman Gortney

DOCKET No.: 5525-0035.10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Bridgham *et al.*

SERIAL No.: 09/424,028

FILED: November 16, 1999

FOR: PLANAR ARRAYS OF MICROPARTICLE-
BOUND POLYNUCLEOTIDES

EXAMINER: J. Tung

ART UNIT: 1656

received 1/16/2002

Supplemental AmendmentAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This supplemental amendment is submitted in response to telephone conversations with the Examiner between the dates of January 4, 2002 and January 11, 2002. Please amend the application as indicated below.

In the Claims:

Please replace claim 24 with the rewritten claim below, and cancel claim 35.

Also enclosed, starting on a separate page following this response, is a marked copy of the presently amended claim showing all changes relative to the previous version.

24. (Twice Amended) An array of polynucleotides, comprising:

a closely packed planar array of microparticles, the closely packed planar array having a number of microparticles per unit area in the planar array is at least eighty percent of the number of microparticles in a hexagonal array of equal area; and

a plurality of different polynucleotides attached to the microparticles, such that each different polynucleotide is attached to a different microparticle.

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